

What is claimed is:

1. An image recording and/or reproducing device, comprising:
a main base having a hole therein; and
a cable which passes through the hole and is connected to a sub printed circuit board (PCB) of a capstan motor by solder.
2. An image recording and/or reproducing device as claimed in claim 1, further comprising:
a first connector electrically connected to a main printed circuit board (PCB);
and
a second connector enclosing a portion of the cable, the second connector being disposed at one end of the main base and adapted to engage the first connector.
3. An image recording and/or reproducing device, comprising:
an outer case having a protruding portion forming a recess in the outer case which is adapted to receive a portion of a capstan motor of the VCR.
4. A capstan motor unit for use in a video tape recorder, the capstan motor unit comprising:
a sub printed circuit board (PCB) of a capstan motor; and
a cable, connected to the sub PCB by soldering.

5. A capstan motor connection structure of a tape recorder for electrically connecting a main printed circuit board (PCB) disposed in a substantially parallel relation to a main base of a deck of the tape recorder to a sub PCB of a capstan motor disposed on the main base, the capstan motor connection structure comprising:

a first connector disposed at the main PCB to be electrically connected thereto;

a second connector disposed at an end of the main base to be connected to the first connector; and

a cable, penetratingly supported in a hole of the main base, the cable being electrically connected to the sub PCB of the capstan motor, and having a first portion thereof engaged within the second connector.

6. A capstan motor connection structure as claimed in claim 5, wherein the cable is arranged to pass through the hole formed in the main base.

7. A capstan motor connection structure as claimed in claim 5, wherein a second portion of the cable is electrically connected to a circuit pattern of the sub PCB by soldering.

8. A capstan motor connection structure as claimed in claim 5, wherein the first and the second connectors are disposed proximate to a side edge of the main base to be connected to each other.

9. A tape recorder comprising:

a capstan motor having a sub printed circuit board (PCB) electrically connected to a main PCB disposed in a substantially parallel relation to a main base of a deck, the main base having a hole formed therein, the capstan motor being positioned such that its body is placed in a hole formed in the main PCB to reduce a distance between the main base and the main PCB; and

a connection structure of the capstan motor, adapted to connect the sub PCB to the main PCB, the connection structure comprising:

a first connector disposed at the main PCB to be electrically connected thereto;

a second connector disposed at an end of the main base to be connected to the first connector; and

a cable penetratingly supported in the hole of the main base, the cable being electrically connected to the sub PCB of the capstan motor, and having a first portion thereof engaged within the second connector.

10. A tape recorder as claimed in claim 9, wherein a second portion of the cable is electrically connected to a circuit pattern of the sub PCB by soldering.

11. A tape recorder as claimed in claim 9, wherein the first and the second connectors are disposed proximate to a side edge of the main base to be connected to each other.

12. A tape recorder as claimed in claim 9, wherein a distance between the main base and the main PCB is about $10\pm 1\text{mm}$, and a distance between the main PCB and the sub PCB is about $7.5\pm 0.5\text{mm}$.